



Northwest
Territories Safety and Public Services

OFFICE OF THE FIRE MARSHAL

1 9 9 1
ANNUAL REPORT

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1991 ANNUAL FIRE LOSS SUMMARY

NORTHWEST TERRITORIES

Population	53,801
Number of Fires	212
Dollar Loss	\$7,312,728
Deaths	9
Injuries	20
Death Rate (Per 100,000)	16.73
Dollar Loss Per Capita	\$135.92

Total Population: 53,801

Source: Bureau of Statistics, Government of the Northwest Territories - March 1992.

ASSOCIATION AND COMMITTEE MEMBERSHIPS

1. Association of Canadian Fire Marshals and Fire Commissioners
2. Canadian Association of Arson Investigators
3. Canadian Association of Fire Chiefs
4. Fire Council - Underwriters Laboratories of Canada
5. Fire Council - Underwriters Laboratories
6. Fire Council - Warnock Hersey Professional Services
7. Fire Council - Canadian Standards Board
8. Fire Marshals Association of North America
9. International Association of Fire Marshals
10. International Association of Arson Investigators
11. National Fire Protection Association
12. National Research Council of Canada
13. National Task Force on Aboveground Petroleum Storage Tanks
14. National Task Force on Underground Petroleum Storage Tanks
15. Northwest Territories Fire Chiefs and Firefighters Association
16. Provincial/Territorial Committee on National Building Code

FIRE PREVENTION

The National Fire Protection Association's "Learn Not To Burn" program continued to serve as the primary fire education tool of the Office of the Fire Marshal during 1991.

The "Learn Not To Burn" program is made available throughout the Northwest Territories. During 1991 the program successfully focused on student target groups from Kindergarten to Grade 3.

Students and members of the general public were subjected to varied fire safety presentations during 1991. In total the Office of the Fire Marshal provided fire prevention training to 3,012 persons during 1991. The newly created position of Fire Education Coordinator allowed "Learn Not To Burn" demonstrations to be delivered in classrooms to 1,202 school children.

A new "Propane Regulation" became law in 1991. The regulation specifically prohibits the unsecured storage of propane cylinders and the unlawful disposal of propane cylinders. The regulation governs the control and use of propane cylinders from 2.7 to 45.5 kilograms. The regulation was put into place in response to several fatalities in 1990 which were the direct result of propane abuse.

A video entitled, "Straight Shooting" was produced for the Office of the Fire Marshal by the Inuit Broadcasting Corporation in an effort to control propane abuse incidents in the North. The video was distributed to every fire department, school and community council. The video has been aired on TVNC and local community television.

"Fire Prevention Week 1991" was observed by holding a territorial wide contest based on contestants reading a fire safety brochure and answering questions as to contents. The brochure was produced in both English and Inuktitut and distributed through Canada Post to every home in the NWT. One winner was selected from each of the six Regions in the NWT. Each winner received a walkman player along with a cassette tape featuring fire safety songs.

A study into the feasibility of introducing mandatory sprinkler legislation was started in 1991. The Office of the Fire Marshal, Municipal and Community Affairs, Department of Public Works and the Northwest Territories Housing Corporation all provided information to Dr. Gary Heinke, Dean of Engineering for the University of Toronto. The high cost of construction, high replacement cost and residential fire losses and death rate are considerations driving the sprinklering initiative.

The Office of the Fire Marshal continued to publish its monthly newsletter entitled "Fire & Ice" during 1991. The newsletter includes items concerning activities of the Fire Marshal's Office and individual fire departments, training opportunities, fire loss information and fire prevention activity.

FIRE TRAINING

Four hundred seventy-seven fire fighters received training from the Office of the Fire Marshal during 1991. Copies of the International Fire Service Training Association (IFSTA) Essentials Manual were provided free by the University of Oklahoma to every fire department as a supplement to NWT Training Manuals. Instruction was offered to firefighters in basic firefighting, advanced firefighting, incident command, fire prevention, fire inspection and fire service instruction.

Government employees, building owners, institutional employees and day care operators received specialized training in both fire prevention and suppression.

The development of a Territorial Fire Fighter Training Centre remained a high priority with the Office of the Fire Marshal during 1991.

INSPECTIONS

The Office of the Fire Marshal conducted 1,867 inspections during 1991.

Inspections were completed on all classifications of occupancies as listed under the National Building Code of Canada. Corrective actions were initiated by means of letters, Fire Marshal's Orders and Notices of Violation. Corrective actions included ordered changes in occupancy, correction of structural violations, elimination of hazards and retrofits/upgradings. Over 20,000 fire safety deficiencies were identified during the 1991 inspectional process.

Fire Marshal's Orders were issued to building owners ordering the demolition of thirteen structures in 1991.

The introduction of a new "Notice of Violation" allowed inspectional personnel to immediately cite persons for life safety violations. Failure to remedy the identified violation subjected the recipient to immediate prosecution.

The Office of the Fire Marshal through its inspections program has allowed voluntary sprinkler initiatives to address concerns in order to achieve acceptable life safety standards. These voluntary sprinklering proposals were evaluated on a case by case basis by the Fire Marshal.

INVESTIGATIONS

A total of 212 fires were reported to the Office of the Fire Marshal in 1991. By authority of the Fire Prevention Act most of the fires were investigated by members of the Royal Canadian Mounted Police or local Fire Chiefs. The Office of the Fire Marshal automatically conducts special investigations into fires involving life loss, serious injury and large property loss.

The Office of the Fire Marshal conducted twenty-five special fire investigations during 1991.

Investigations into fire fatalities showed the primary causes to be the result of child fire play and careless smoking and cooking. Six persons died as a result of child fireplay, one person died as a result of careless use of smokers' materials, one person died as a result of unattended cooking materials, and one person died of improper use of candle.

Alcohol misuse, unsupervised children and poor public fire safety awareness continued to be contributing factors to fire loss during 1991.

PROPERTY LOSSES

Fires during 1991 resulted in \$7,312,728 worth of property loss in the Northwest Territories.

The bulk of these losses, or 53.93% of the total dollar loss, occurred in residential occupancies, primarily single family dwellings.

In descending order the percentage of total loss by occupancy is as follows: Assembly 4.27%, Institutional .01%, Residential 53.93%, Business/Personal Service 1.89%, Mercantile 0.01%, Industrial 0.05%, Storage Properties 28.87%, Transportation Equipment 6.81%, and Miscellaneous Properties 4.15%.

Arson contributed to 11.04% of the total dollar loss experienced during 1991.

FIRE DEATHS AND INJURIES

The number of fire deaths during 1991 more than doubled over 1990 with a total of nine recorded fire deaths. The fire death rate for 1991 was 16.73 per 100,000 population.

Fire caused injury to 20 persons during 1991. This reflects a 20% decrease in fire injuries over those reported in 1990.

All fire deaths are normally investigated by the Office of the Fire Marshal. During 1991, one fire death, which occurred in a tent outside of a municipal boundary, was investigated solely by the Royal Canadian Mounted Police and a local Fire Chief pursuant to their authority under the Fire Prevention Act.

Six of the nine fire deaths which occurred in 1991 were caused by child fireplay. One incident alone claimed the lives of five children all aged under 6. A separate incident involving child fire play claimed the life of the sixth child. The remaining three fatalities claimed three adults all in separate incidents. Of the three adult fatalities, one was attributed to careless smoking, one to unsupervised cooking and one due to a candle being left too close to combustible materials. Alcohol was a contributing factor in all three adult deaths.

Fire deaths were restricted in all cases to residential occupancies during 1991.

NEW FIRE APPARATUS AND FIREHALL FACILITIES

The Northwest Territories provides a standard apparatus design for municipal fire protection. The design incorporates a 625 gpm front mount, 1000 gallon, four wheel drive, automatic transmission, Class A pumper.

Replacement apparatus was purchased for Aklavik, NWT and new apparatus was purchased for the Hay River Reserve. A 350 lb truck mounted dry chemical was purchased for Snare Lakes.

The standard fire hall in 1991 remained a two bay structure complete with training area, washrooms, mechanical room, storage area and fire chief's office.

The community of Dettah received a new fire hall during 1991.

PLAN REVIEWS

Four hundred forty building plans were reviewed during 1991. The number of building plans received exceeded that of 1990 but a new re-numbering/filing system reduced the actual number of plan numbers issued over the previous year.

The Office of the Fire Marshal reviews all building plans inclusive of single family residences constructed by the NWT Housing Corporation. Private single family housing plans are not subject to review by the Office of the Fire Marshal. Pre-design meetings are encouraged. Architects, engineers and contractors are able to discuss projects with the Office of the Fire Marshal during all stages of the design, development and construction process.

The Office of the Fire Marshal provides for the co-ordinated review of all building plans and ensures distribution to other NWT regulatory authorities in the areas of Gas, Boilers, Electrical and Occupational Health & Safety.

In addition to structural and architectural reviews, the Office of the Fire Marshal reviews plans for fire alarm systems, sprinkler systems, remote building sites, bulk fuel storage facilities, underground tank systems, water distribution systems and tourist facilities.

A new position of Senior Plan Review Officer was created in 1991. The position will enable architects, engineers and contractors the ability to work with a contact person whose primary responsibility is plan review and regulatory interpretation.

Voluntary sprinklering by building owners and developers continued to rise during 1991 at a higher rate than in 1990.

Code compliance is ensured through the use of the following reference documents:

- Northwest Territories Fire Prevention Act
- National Building Code of Canada 1990
- National Fire Code of Canada 1990
- National Fire Protection Association Codes
- National Standards System including:
 - Underwriters Laboratories of Canada (ULC),
 - Canadian Standards Association (CSA),
 - Canadian Gas Association (CGA),
 - Canadian General Standards Board (CGSB) and
 - Warnock Hersey Professional Services.
- Environmental Code of Practice for Underground Storage Tank Systems Containing Petroleum Products

FIRE MARSHAL'S OFFICE INITIATIVES

The Office of the Fire Marshal undertook and completed the following initiatives during 1991:

- adoption of "Propane Storage Regulations",
- production and distribution of propane safety video "Straight Shooting",
- creation of "Fire Education Coordinator" position,
- creation of "Senior Plan Review Officer" position,
- development of "Regional Fire Officer Trainee" position,
- Territorial wide "Fire Prevention Week" contest written in English and Inuktitut,
- revised "Learn Not To Burn" program incorporating direct instruction to NWT school children,
- development and presentation of NWT Fire Inspector Level 1 curriculum,
- development of "Notice of Violation" inspection form,
- finalization of data collection and completion of underground tank registrations,
- design, production and distribution of propane safety poster entitled, "Don't Make Propane Your Last Breath",
- distribution of "Firefighter Sprinkles" colouring book which addresses benefits of sprinkler systems,
- development and distribution of English and Inuktitut versions of colouring books on fire safety,
- development of "Learn Not To Burn" audio visual resources,
- upgrading of library audio visual resource tapes for fire fighter training.

FIRE LOSSES BY OCCUPANCY - 1991

OCCUPANCY	NUMBER OF FIRES	DOLLAR LOSS	PERCENT OF TOTAL
Assembly	10	312,430	4.27%
Institutional	3	800	0.01%
Residential	105	3,943,789	53.93%
Business & Personal Services	2	138,000	1.89%
Mercantile	1	400	0.01%
Industrial/Manufacturing	6	3,950	0.05%
Storage Properties	11	2,111,408	28.88%
Special Prop-Transport Equipt	64	498,251	6.81%
Miscellaneous Properties	10	303,700	4.15%
TOTAL	212	7,312,728	100.00%

FIRE LOSSES BY IGNITING OBJECT - 1991

IGNITING OBJECT	NUMBER OF FIRES	DOLLAR LOSS	PERCENT OF TOTAL
Cooking Equipment	22	608,120	8.32%
Heating Equipment	20	930,813	12.73%
Appliances and Equipment	5	76,276	1.04%
Electrical Distribution Equipt	31	619,400	8.47%
Other Electrical Equipment	1	100	0.00%
Smokers' Material/Open Flame	73	2,202,861	30.12%
Exposure	9	18,100	0.25%
Miscellaneous	18	461,411	6.31%
No Igniting Object	0	0	0.00%
Undetermined	33	2,395,647	32.76%
TOTAL	212	7,312,728	100.00%

FIRE LOSSES BY ACT OR OMISSION - 1991

ACT OR OMISSION	NUMBER OF FIRES	DOLLARS LOSS	PERCENT OF TOTAL
Arson, Suspicious, Mischief	21	783,410	10.71%
Misuse of Source of Ignition	65	2,109,334	28.84%
Misuse of Material Ignited	32	725,399	9.92%
Mechanical/Electrical Failure/ Malfunction	38	811,737	11.10%
Construction /Design/ Installation Deficiency	6	91,600	1.25%
Misuse of Equipment	6	127,750	1.75%
Human Failing	9	308,577	4.22%
Vehicle Accident	0	0	0.00%
Unclassified	35	2,354,921	32.20%
TOTAL	212	7,312,728	100.00%

COMPARISON OF VALUE OF FIRE LOSSES - 1991

RANGE - DOLLAR LOSS	NUMBER OF FIRES
Less than 1,000	85
1,000 to 9,999	64
10,000 to 49,999	27
50,000 to 99,999	16
100,000 to 249,999	15
More than 250,000	5
TOTAL	212

FIRE INJURIES - 1991

DATE	COMMUNITY	CAUSE OF FIRE	M	F	C	TOTAL
January 10	Yellowknife	Propane Heater	1			1
February 13	Yellowknife	Boiler - fuel spill from cracked fuel line	1			1
February 15	Fort Smith	Woodstove - Naptha Gas		1		1
June 12	Arviat	Propane - Smoking	4			4
July 19	Rae Point (Resolute Bay)	Propane - Smoking	2			2
July 20	Yellowknife	Unknown	1			1
August 3	Iqaluit	Lighter - aerosol spray attempted suicide		1		1
September 13	Inuvik	Lighter-Child Fireplay	1			1
October 18	Coppermine	Lighter-Child Fireplay			2	2
October 29	Yellowknife	Electric Blanket		1		1
November 19	Iqaluit	Sparklers - Child Fireplay	2 FF		1	3
December 21	Yellowknife	Under investigation	2 FF			2 Firefighters
		TOTAL	14	3	3	20

FIRE DEATHS - 1991

DATE	COMMUNITY	CAUSE OF FIRE	M	F	C	TOTAL
March 3	Fort Smith	Electric Stove	1			1
April 11	Norman Wells	Smokers materials	1			1
Sept 13	Inuvik	Lighter-Child Fireplay			5	5
October 18	Coppermine	Lighter-Child Fireplay			1	1
October 29	Iqaluit	Candle	1			1
		TOTAL	3		6	9

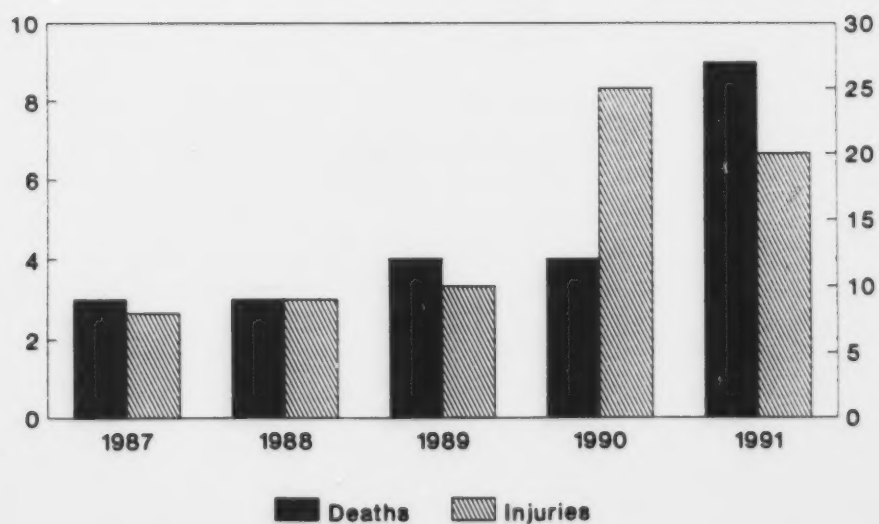
FIRE INJURIES 1987 TO 1991

YEAR	MALE	FEMALE	CHILDREN	FIRE FIGHTERS	TOTAL
1991	10	3	3	4	20
1990	13	1	10	1	25
1989	7	1	2	0	10
1988	7	2	0	0	9
1987	5	3	0	0	8

FIRE DEATHS 1987 TO 1991

YEAR	MALE	FEMALE	CHILDREN	FIRE FIGHTERS	TOTAL
1991	3	0	6	0	9
1990	1	0	3	0	4
1989	3	1	0	0	4
1988	2	1	0	0	3
1987	2	1	0	0	3

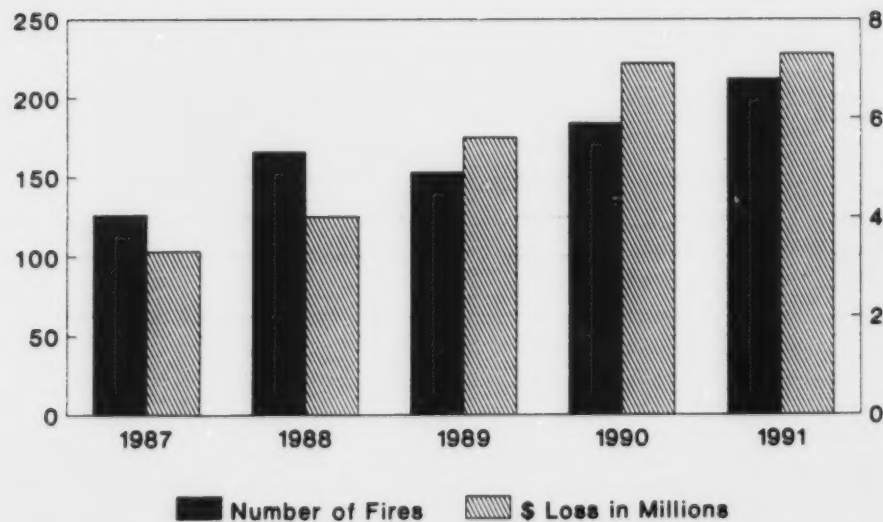
**Deaths and Injuries
1987 To 1991**



TOTAL ANNUAL FIRE LOSSES 1987 TO 1991

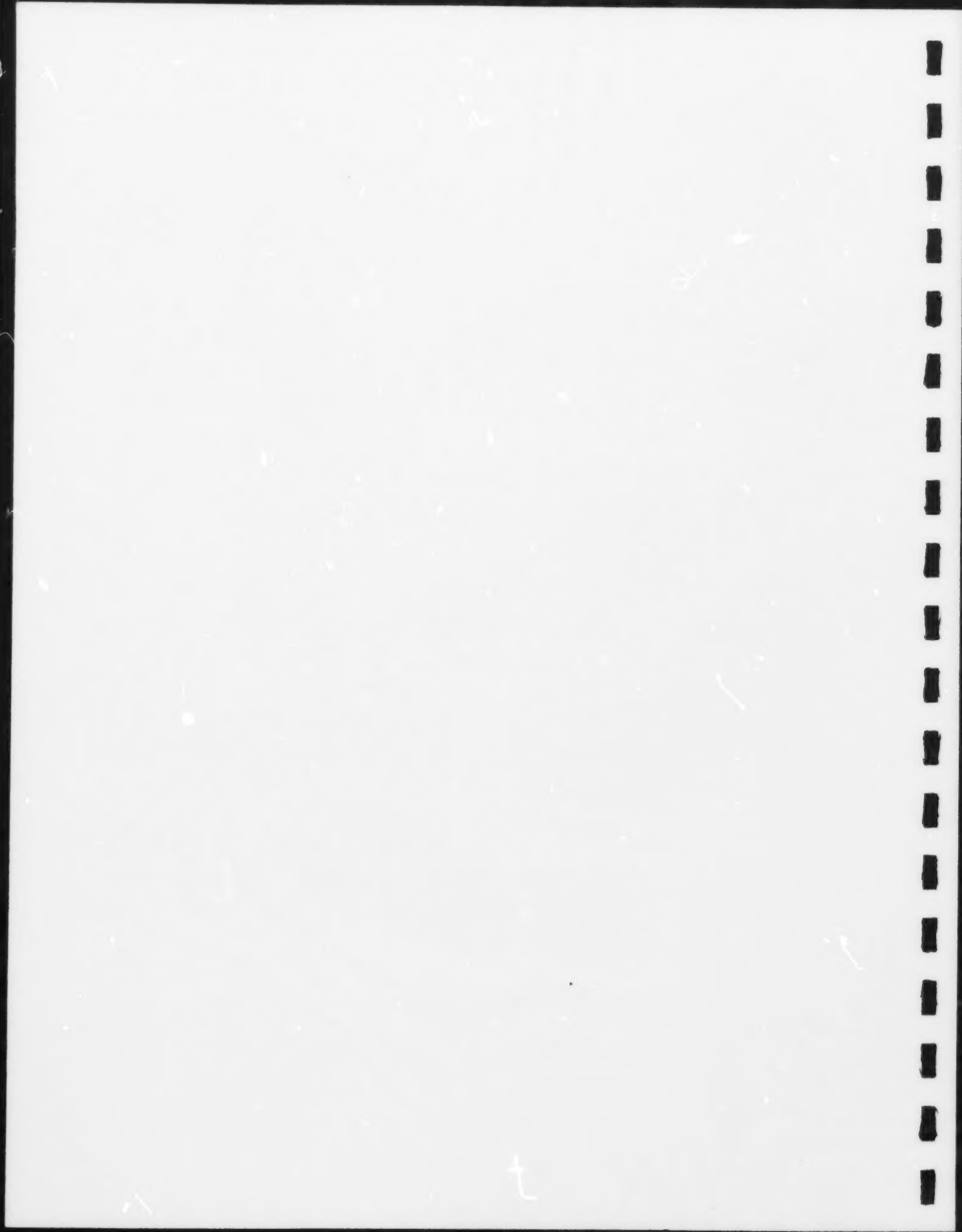
YEAR	NUMBER OF FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
1991	212	5,698,958	1,613,770	7,312,728
1990	184	6,200,210	809,945	7,010,155
1989	153	4,751,696	823,275	5,574,971
1988	166	3,374,948	561,045	3,935,993
1987	126	2,059,594	1,288,540	3,348,134

Number of Fires & Total \$ Loss
1987 To 1991



ARSON, SUSPICIOUS, MISCHIEF FIRES - 1991

COMMUNITY	DOLLAR LOSS	PROSECUTION	CONVICTIONS
Aklavik	45,000	None	None
Fort Liard	7,000	Under investigation	Under investigation
Fort McPherson	100	None	None
Fort McPherson	200	Under investigation	Under investigation
Fort McPherson	0	Under investigation	Under investigation
Fort McPherson	100	None	None
Fort Simpson	0	None	None
Hall Beach	370,000	Yes	None
Inuvik	750	Yes	Yes
Inuvik	500	None	None
Iqaluit	240,000	None	None
Pangnirtung	10,000	None	None
Rankin Inlet	85,000	None	None
Tuktoyaktuk	3,000	None	None
Yellowknife	100	None	None
Yellowknife	17,000	Under investigation	Under investigation
Yellowknife	300	Under investigation	None
Yellowknife	50	None	None
Yellowknife	4,200	None	None
Yellowknife	60	None	None
Yellowknife	50	Under investigation	Under investigation



FIRE LOSSES BY REGION - 1991

CLASS	FT. SMITH \$\$ LOSS	#	INUVIK \$\$ LOSS	#	KITIK. \$\$ LOSS	#	KEEWAT. \$\$ LOSS	#	BAFFIN \$\$ LOSS	#	TOTAL \$\$ LOSS	#
NWTHC	21,934	5	117,701	10	145,730	8	417,637	3	636,668	8	1,339,670	34
GNWT	210	3	8,800	6	0	0	0	0	163,350	6	172,360	15
FED. PROPS.	200,120	2	0	1	0	0	0	0	565,000	4	765,120	7
PRIVATE OTHERS	2,012,160	105	1,650,738	27	80,320	7	90,464	3	1,201,896	14	5,035,578	156
TOTAL	2,234,424	115	1,777,239	44	226,050	15	508,101	6	2,566,914	32	7,312,728	212
INJURY		7		1		2		4		6		20
DEATHS		1		6		1		0		1		9

REGIONAL COMMUNITIES

FORT SMITH REGION

1. Dettah
2. Edzo
3. Enterprise
4. Fort Liard
5. Fort Providence
6. Fort Resolution
7. Fort Simpson
8. Fort Smith
9. Hay River
10. Jean Marie River
11. Kakisa
12. Lac La Martre
13. Nahanni Butte
14. Rae
15. Rae Lakes
16. Snowdrift
17. Trout Lake
18. Wrigley
19. Yellowknife

BAFFIN REGION

1. Arctic Bay
2. Broughton Island
3. Cape Dorset
4. Clyde River
5. Iqaluit
6. Grise Fiord
7. Hall Beach
8. Igloolik
9. Lake Harbour
10. Nanisivik
11. Pangnirtung
12. Pond Inlet
13. Resolute Bay
14. Sanikiluaq

INUVIK REGION

1. Aklavik
2. Arctic Red River
3. Colville Lake
4. Fort Franklin
5. Fort Good Hope
6. Fort McPherson
7. Fort Norman
8. Inuvik
9. Norman Wells
10. Paulatuk
11. Sachs Harbour
12. Tuktoyaktuk

KEEWATIN REGION

1. Arviat
2. Baker Lake
3. Chesterfield Inlet
4. Coral Harbour
5. Rankin Inlet
6. Repulse Bay
7. Whale Cove

KITIKMEOT REGION

1. Cambridge Bay
2. Coppermine
3. Gjoa Haven
4. Holman
5. Pelly Bay
6. Spence Bay

FIRE LOSSES BY COMMUNITY - 1987 TO 1991

COMMUNITY	YEAR	# OF FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL \$\$ LOSS
Aklavik	1991	3	200	70,000	70,200
	1990	1	750,000	0	750,000
	1989	0	0	0	0
	1988	1	0	3,000	3,000
	1987	5	15,000	193,000	208,000
Arctic Red River	1991	1	0	1,000	1,000
	1990	0	0	0	0
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0
Arctic Bay	1991	1	2,000	0	2,000
	1990	0	0	0	0
	1989	0	0	0	0
	1988	1	0	285	285
	1987	0	0	0	0
Arviat	1991	2	0	393,500	393,500
	1990	4	8,500	10,250	18,750
	1989	0	0	0	0
	1988	2	0	1,530	1,530
	1987	7	145,115	5,128	150,243
Bathurst Inlet	1991	1	97,989	0	97,989
	1990	0	0	0	0
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0

FIRE LOSSES BY COMMUNITY - 1987 TO 1991

COMMUNITY	YEAR	# OF FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL \$ LOSS
Bay Chimo	1991	0	0	0	0
	1990	0	0	0	0
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0
Baker Lake	1991	2	2,000	0	2,000
	1990	3	165,000	50,000	215,000
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0
Broughton Island	1991	0	0	0	0
	1990	3	22,025	0	22,025
	1989	0	0	0	0
	1988	0	0	0	0
	1987	1	18,548	0	18,548
Cape Dorset	1991	2	800,000	5,000	805,000
	1990	0	0	0	0
	1989	0	0	0	0
	1988	1	50,000	0	50,000
	1987	0	0	0	0
Cambridge Bay	1991	2	34,720	0	34,720
	1990	3	0	0	0
	1989	4	182,000	0	182,000
	1988	4	0	1,700	1,700
	1987	2	148,100	174,000	322,100

FIRE LOSSES BY COMMUNITY - 1987 TO 1991

COMMUNITY	YEAR	# OF FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL \$ LOSS
Chesterfield Inlet	1991	0	0	0	0
	1990	2	225,000	0	225,000
	1989	0	0	0	0
	1988	1	0	100	100
	1987	0	0	0	0
Clyde River	1991	1	500	0	500
	1990	0	0	0	0
	1989	0	0	0	0
	1988	0	0	0	0
	1987	1	0	112	112
Colville Lake	1991	0	0	0	0
	1990	0	0	0	0
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0
Coral Harbour	1991	2	5,464	24,637	30,101
	1990	1	900	0	900
	1989	1	210,000	0	210,000
	1988	1	15,000	0	15,000
	1987	0	0	0	0
Coppermine	1991	8	0	117,754	117,754
	1990	5	252,000	0	252,000
	1989	1	0	100,000	100,000
	1988	1	2,000	0	2,000
	1987	3	0	0	0

FIRE LOSSES BY COMMUNITY - 1987 TO 1991

COMMUNITY	YEAR	# OF FIRES	INSURED LOSS	UNINSURED LOSE	TOTAL \$ LOSS
Dettah	1991	0	0	0	0
	1990	0	0	0	0
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0
Edzo	1991	1	8,100	0	8,100
	1990	1	11,250	0	11,250
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0
Enterprise	1991	1	12,000	0	12,000
	1990	0	0	0	0
	1989	1	10,000	0	10,000
	1988	0	0	0	0
	1987	0	0	0	0
Fort Franklin	1991	0	0	0	0
	1990	0	0	0	0
	1989	0	0	0	0
	1988	4	951	7,000	7,951
	1987	0	0	0	0
Fort Good Hope	1990	3	60,000	6,000	66,000
	1990	1	0	100	100
	1989	1	0	0	0
	1988	0	0	0	0
	1987	1	0	12,700	12,700

FIRE LOSSES BY COMMUNITY - 1987 TO 1991

COMMUNITY	YEAR	# OF FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL \$ LOSS
Fort Liard	1991	2	14,000	7,000	21,000
	1990	0	0	0	0
	1989	1	10,000	0	10,000
	1988	1	0	2,700	2,700
	1987	3	0	3,000	3,000
Fort McPherson	1991	6	0	3,500	3,500
	1990	1	0	152,000	152,000
	1989	1	0	1,300	1,300
	1988	2	0	6,400	6,400
	1987	1	0	300	300
Fort Norman	1991	0	0	0	0
	1990	3	13,000	15,000	28,000
	1989	2	295,000	0	0
	1988	0	0	0	0
	1987	0	0	0	0
Fort Providence	1991	2	0	200	200
	1990	8	124,000	270,250	394,250
	1989	3	24,300	0	24,300
	1988	3	29,250	4,000	33,050
	1987	0	0	0	0
Fort Reliance	1991	0	0	0	0
	1990	0	0	0	0
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0

FIRE LOSSES BY COMMUNITY - 1987 TO 1991

COMMUNITY	YEAR	# OF FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL \$ LOSS
Fort Resolution	1991	0	0	0	0
	1990	3	0	50,200	50,200
	1989	2	0	0	0
	1987	1	3,500	0	60,000
	1987	1	3,500	0	3,500
Ft. Simpson	1991	10	10,000	1,830	11,830
	1990	8	47,909	12,500	60,409
	1989	2	0	0	0
	1988	4	180,700	2,300	183,000
	1987	2	0	1,200	1,200
Fort Smith	1991	11	156,000	90,300	246,300
	1990	5	32,802	59,000	91,802
	1989	4	0	12,530	12,530
	1988	7	10,024	20,500	30,524
	1987	4	11,742	35,000	46,742
Grise Fiord	1991	0	0	0	0
	1990	0	0	0	0
	1989	1	14,500	0	14,500
	1988	0	0	0	0
	1987	1	14,500	41,000	55,500
Gjoa Haven	1991	1	40,000	0	40,000
	1990	2	1,000	150	1,150
	1989	2	0	0	0
	1988	4	180,700	2,300	183,000
	1987	2	0	1,200	1,200

FIRE LOSSES BY COMMUNITY - 1987 TO 1991

COMMUNITY	YEAR	# OF FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL \$ LOSS
Hall Beach	1991	3	370,000	306,395	676,395
	1990	0	0	0	0
	1989	0	0	0	0
	1988	1	0	125,000	125,000
	1987	0	0	0	0
Hay River	1991	10	273,240	2,600	275,840
	1990	14	144,153	67,000	211,153
	1989	16	244,871	18,500	263,371
	1988	18	10,100	29,600	39,700
	1987	14	73,200	82,500	155,700
Holman Island	1991	2	0	576	576
	1990	1	0	2,900	2,900
	1989	1	0	0	0
	1988	1	0	50,000	50,000
	1987	1	0	15,000	15,000
Igloolik	1991	0	0	0	0
	1990	0	0	0	0
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0
Inuvik	1991	16	1,342,488	70,450	1,412,938
	1990	6	324,000	34,500	358,500
	1989	21	277,000	446,400	723,400
	1988	20	113,900	28,600	142,500
	1987	10	1,133,212	5,250	1,138,462

FIRE LOSSES BY COMMUNITY - 1987 TO 1991

COMMUNITY	YEAR	# OF FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL \$ LOSS
Iqaluit	1991	14	458,072	306,400	744,472
	1990	19	58,900	12,995	71,895
	1989	16	20,000	63,725	83,725
	1988	20	16,000	51,000	67,000
	1987	14	1,000	213,450	214,450
Jean Marie River	1991	1	540,000	0	540,000
	1990	0	0	0	0
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0
Kakisa Lake	1991	1	0	800	800
	1990	0	0	0	0
	1989	1	1,000,000	0	1,000,000
	1988	0	0	0	0
	1987	0	0	0	0
Lac La Martre	1991	0	0	0	0
	1990	0	0	0	0
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0
Lake Harbour	1991	1	0	0	0
	1990	1	186	0	186
	1989	2	500	0	500
	1988	0	0	0	0
	1987	0	0	0	0

FIRE LOSSES BY COMMUNITY - 1987 TO 1991

COMMUNITY	YEAR	# OF FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL \$ LOSS
Nanisivik	1991	1	0	100	100
	1990	1	1,200	0	1,200
	1989	3	0	6,500	6,500
	1988	2	2,500	0	2,500
	1987	0	0	0	0
Nahanni Butte	1991	0	0	0	0
	1990	1	7,000	0	7,000
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0
Norman Wells	1991	3	171,000	1,934	173,734
	1990	2	512,000	0	512,000
	1989	4	300,000	6,000	306,000
	1988	3	8,600	0	8,600
	1987	5	0	250,000	250,000
Paulatuk	1991	1	0	1,000	1,000
	1990	0	0	0	0
	1989	2	18,000	0	18,000
	1988	1	0	0	0
	1987	0	0	0	0
Pangnirtung	1991	4	197,985	10,000	207,985
	1990	6	112,500	2,850	115,350
	1988	3	0	5,900	5,900
	1987	7	113,000	4,250	117,250
	1987	1	0	350	350

FIRE LOSSES BY COMMUNITY - 1987 TO 1991

COMMUNITY	YEAR	# OF FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL \$ LOSS
Pelly Bay	1991	2	0	33,000	33,000
	1990	0	0	0	0
	1989	0	0	0	0
	1988	0	0	0	0
	1987	1	0	300	300
Pond Inlet	1991	1	0	2,428	2,428
	1990	2	210,000	75	210,075
	1989	0	0	0	0
	1988	1	179,000	0	179,000
	1987	1	10,000	0	10,000
Rankin Inlet	1991	1	85,000	0	85,000
	1990	4	750,450	8,000	758,458
	1989	1	500,000	0	500,000
	1988	1	155,000	0	155,000
	1987	1	10,000	0	10,000
Rae	1991	11	80,661	14,650	95,311
	1990	5	171,437	6,000	177,437
	1989	0	0	0	0
	1988	3	8,400	0	8,400
	1987	1	5,000	2,000	7,000
Rae Lakes	1991	2	0	850	850
	1990	0	0	0	0
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0

FIRE LOSSES BY COMMUNITY - 1987 TO 1991

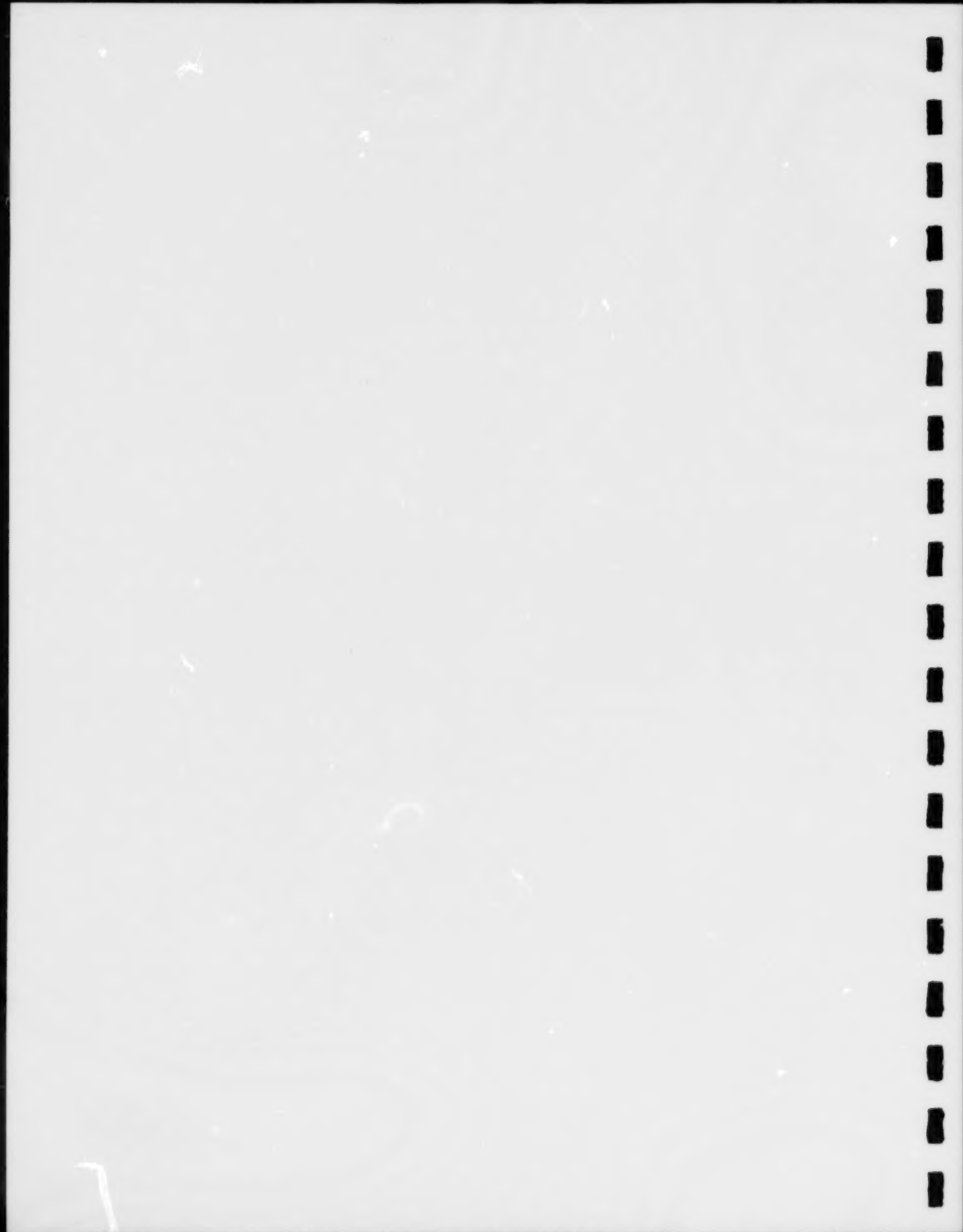
COMMUNITY	YEAR	# OF FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL \$ LOSS
Repulse Bay	1991	0	0	0	0
	1990	0	0	0	0
	1989	0	0	0	0
	1988	1	0	1,400	1,400
	1987	0	0	0	0
Resolute Bay	1991	1	0	0	0
	1990	0	0	0	0
	1989	0	0	0	0
	1988	2	1,950,000	0	1,950,000
	1987	0	0	0	0
Sanikiluaq	1991	2	0	22,545	22,545
	1990	2	60,000	0	60,000
	1989	1	3,000	0	3,000
	1988	0	0	0	0
	1987	1	0	0	0
Sachs Harbour	1991	2	0	32,367	32,367
	1990	1	57,000	0	57,000
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0
Snowdrift	1991	1	7,000	0	7,000
	1990	0	0	0	0
	1989	1	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0

FIRE LOSSES BY COMMUNITY - 1987 TO 1991

COMMUNITY	YEAR	# OF FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL \$ LOSS
Snare Lake	1991	0	0	0	0
	1990	0	0	0	0
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0
Spence Bay	1991	0	0	0	0
	1990	0	0	0	0
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0
Trout Lake	1991	0	0	0	0
	1990	0	0	0	0
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0
Tuktoyaktuk	1991	8	3,100	11,400	14,500
	1990	10	354,450	21,100	375,550
	1989	8	23,500	2,200	25,700
	1988	6	0	2,430	2,430
	1987	5	304,000	400	304,400
Whale Cove	1991	0	0	0	0
	1990	2	15,500	0	15,500
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0

FIRE LOSSES BY COMMUNITY - 1987 TO 1991

COMMUNITY	YEAR	# OF FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL \$\$ LOSS
Wrigley	1991	0	0	0	0
	1990	1	35,000	0	35,000
	1989	0	0	0	0
	1988	0	0	0	0
	1987	0	0	0	0
Yellowknife	1991	63	958,639	68,554	1,027,193
	1990	50	1,488,900	34,825	1,522,915
	1989	47	1,617,025	80,220	1,697,245
	1988	39	470,723	25,750	496,473
	1987	35	164,877	240,350	405,227
Unsettled Areas	1991	0	0	0	0
	1990	1	950	0	950
	1989	0	0	0	0
	1988	2	0	165,000	165,000
	1987	0	0	0	0
Mines	1991	1	0	7,500	7,500
	1990	1	0	0	500
	1989	0	0	0	0
	1988	1	0	0	0
	1987	0	0	0	0



FIRE SERVICES

AKLAVIK: Hamlet

Population: 766

Personnel: Pat Kasook, Fire Chief
9 Volunteer Firefighters

Equipment: 1 Triple Combination Pumper
1,000 gallon pumper

Alarm System: 3 Fire Phones
Telephone activated alarm system

Water Supply: In the winter, water is trucked and in the summer, there are four outlets for fire hoses in the water distribution system.

ARCTIC BAY: Hamlet

Population: 561

Personnel: Tommy Kilabuk, Fire Chief
14 Volunteer Firefighters

Equipment: 1 - Triple combination pumper

Alarm System: Telephone + Siren

Water Supply: Trucked water

ARCTIC RED RIVER: Settlement

Population: 107

Personnel: Noel Andre, Fire Chief
6 Volunteer Firefighters

Equipment: 1 - 1987 F-800 4x4, 1000 gal, 625 gpm

Alarm System: Fire Siren

Water Supply: Municipal water truck

ARVIAT: Hamlet

Population: 1,299

Personnel: Joseph Kaviok, Fire Chief
24 Volunteer Firefighters

Equipment: 1 - Triple combination pumper

Alarm System: Telephone and Community Siren

Water Supply: Trucked water

BAKER LAKE: Hamlet

Population: 1,132

Personnel: Titus Alooq, Fire Chief
21 Volunteer Firefighters

Equipment: 1 - Triple combination pumper

Alarm System: Telephone and Community Siren

Water Supply: Trucked water

BATHURST INLET: Settlement (Unorganized)

Population: 16

BAY CHIMO: Settlement (Unorganized)

Population: 67

BROUGHTON ISLAND: Hamlet

Population: 468

Personnel: Elijah Kopalie, Fire Chief
14 Volunteer Firefighters

Equipment: Triple combination pumper

Alarm System: Call boxes

Water Supply: Trucked water

CAMBRIDGE BAY: Hamlet

Population: 1,071

Personnel: John Rogers, Fire Chief
Doug Crossley, Deputy Fire Chief
20 Volunteer Firefighters

Equipment: Triple combination pumper

Alarm System: Pull Boxes and Pagers

Water Supply: Municipal water trucks

CAPE DORSET: Hamlet

Population: 992

Personnel: Aningmuiq Samayualie, Fire Chief
22 Volunteer Firefighters

Equipment: 2000 gallon pumper truck

Alarm System: Telephone + Fire Siren

Water Supply: Municipal water trucks

CHESTERFIELD INLET: Hamlet

Population: 296

Personnel: Johnny Sammurtok, Fire Chief
12 Volunteer Firefighters

Equipment: 1 - 1984 1200 gallon pumper truck

Alarm System: Telephone and community siren

Water Supply: Trucked water

CLYDE RIVER: Hamlet

Population: 527

Personnel: Jayko Ashevak, Fire Chief
14 Volunteer Firefighters

Equipment: Triple combination pumper

Alarm System: Telephone + siren

Water Supply: Trucked water

COLVILLE LAKE: Settlement (Unorganized)

Population: 58

Equipment: Fire Extinguishers

COPPERMINE: Hamlet

Population: 982

Personnel: Jerry Atatahak, Fire Chief
26 Volunteer Firefighters

Equipment: Triple combination pumper

Alarm System: Call boxes connected to annunciator panel
in the Fire Hall

Water Supply: Trucked water

CORAL HARBOUR: Hamlet

Population: 581

Personnel: Noah Kadluk, Fire Chief
10 Volunteer Firefighters

Equipment: 1 - Triple combination pumper

Alarm System: Community siren

Water Supply: Trucked water

DETTAH: Settlement

Population: 136

Personnel: Jonas Sangris, Fire Chief

Equipment: 1 - 3/4 truck with 350LB dry chemical tank
1 - 1000 gallon water truck

Alarm System: Telephone system hooked to Arctic Alarm via telephone

ENTERPRISE: Settlement

Population: 57

Personnel: John Hill, Fire Chief

Equipment: 1967 pumper, 500-750 gallon capacity
550 gpm pump
Pick-up with dry chemical

Alarm System: Telephone initiates siren

Water System: 1200 gallon water reservoir at Fire Hall

FORT FRANKLIN: Hamlet

Population: 549

Personnel: Joe Blondin Jr., Fire Chief
10 Volunteer Firefighters

Equipment: 1 - 1979 1000 gallon, 625 gpm triple combination pumper

Alarm System: Seven Wescom 931

Water Supply: 1 - 1000 gallon municipal tanker
1 - 800 gallon municipal tanker

FORT GOOD HOPE: Settlement

Population: 597

Personnel: Wayne Kakfwi, Fire Chief
Ronald Pierrot, Substitute Fire Chief
10 Volunteer Firefighters

Equipment: Triple combination pumper, 1000 gallon, 625 gpm

Alarm System: Call boxes and telephone

Water Supply: Trucked water

FORT LIARD: Hamlet

Population: 428

Personnel: Don Vilie, Fire Chief
12 Volunteer Firefighters

Equipment: 1978 Pumper, 840 gpm
700 gallon on fire truck
1 - 800 gallon municipal water truck
1 - 1200 gallon municipal water truck

Alarm System: Telephone Wescom 931

Water Supply: Trucked water

FORT MCPHERSON: Hamlet

Population: 697

Personnel: Duane Debastien, Fire Chief
10 Volunteer Firefighters

Equipment: Triple combination pumper, 1000 gallon, 625 gpm

Alarm System: Call boxes with annunciator panel and telephone

Water Supply: Trucked water

FORT NORMAN: Hamlet

Population: 369

Personnel: Jim Wrigley, Fire Chief
9 Volunteer Firefighters

Equipment: 1 - 1980 triple combination pumper, 1000 gallon, 625 gpm
1 - 1979 back-up water truck

Alarm System: Pager System

Water Supply: Intake at Bear River

FORT PROVIDENCE: Hamlet

Population: 599

Personnel: Robert Sanderson, Fire Chief
6 Volunteer Firefighters

Equipment: Triple combination pumper

Alarm System: Call boxes with annunciator panel

Water Supply: Trucked water

FORT RESOLUTION: Settlement

Population: 502

Personnel: Cecil Lafferty, Fire Chief
7 Volunteer Firefighters

Equipment: Triple combination pumper

Alarm System: Telephone

Water Supply: Trucked water

FORT SIMPSON: Village

Population: 1,001

Personnel: Gerry McCowan, Fire Chief
9 Volunteer Firefighters

Equipment: 1 - 1975 1000 gallon front pumper with hose reel
1 Back-up truck containing turn-out gear and SCBA

Alarm System: Siren

Water Supply: Hydrants and private water truck

FORT SMITH: Town

Population: 2,487

Personnel: Frank Price, Fire Chief
18 Volunteer Firefighters

Equipment: 2 - Triple combination pumper

Alarm System: Pagers

Water Supply: Hydrants

GRISE FIORD: Hamlet

Population: 80

Personnel: Raymond Mercredi, Fire Chief
5 Volunteer Firefighters

Equipment: 250 gpm mini pumper

Alarm System: Telephone + Siren

Water Supply: Trucked water

GIOA HAVEN: Hamlet

Population: 756

Personnel: George Konana, Fire Chief
12 Volunteer Firefighters

Equipment: Triple combination pumper

Alarm System: Telephone

Water Supply: Trucked water

HALL BEACH: Hamlet

Population: 498

Personnel: Levi Kaunak, Fire Chief
8 Volunteer Firefighters

Equipment: Triple combination pumper

Alarm System: Telephone

Water Supply: Trucked water

HAY RIVER: Town

Population: 2,891

Personnel: Ross Potter, Fire Chief
30 Volunteer Fire fighters

Equipment: 2 - 1050 GPM triple combination pumper
1 - 840 GPM triple combination pumper
1 - 3200 gallon tanker
2 - Ambulances
Rescue Unit
Pick-up truck c/w rescue equipment
Rescue Boat (Summer)

Alarm System: Telephone, Pagers - Wescom 931, automatic alarms

Water Supply: Hydrants and trucked water

HAY RIVER INDIAN RESERVE: Reserve

Population: 181

Personnel: Frank Fabian, Fire Chief
5 Volunteer Firefighters

Equipment: Pumper

Alarm System: Telephone

Water Supply: Trucked water

HOLMAN: Hamlet

Population: 339

Personnel: Jack Akhiatak, Fire Chief
11 Volunteer Firefighters

Equipment: Triple combination pumper

Alarm System: Call boxes

Water Supply: Trucked water

IGLOOLIK: Hamlet

Population: 964

Personnel: Koverk Kripanik, Fire Chief
12 Volunteer Firefighters

Equipment: 1200 gallon triple combination pumper

Alarm System: 6 emergency telephone

Water Supply: Trucked water

INUVIK: Town

Population: 2,790

Personnel: Gerry Ennis, Fire Chief (Full-time)
Ian Orbell, Deputy Fire Chief (Volunteer)
24 Volunteer Firefighters

Equipment: 1976 - 840 gpm pumper, 700 gallon
1975 - 250 gpm tanker, 1200 gallon
1971 - 625 gpm pumper, 500 gallon
1966 - 500 gpm pumper, 500 gal
1976 Light Rescue Van
1976 Pick-up Hose Truck
1987 Fire Chief's car
1991 Ford E350 Rescue

Alarm System: Pagers

Water Supply: Hydrants, water tanker

IOALUIT: Town

Population: 3,016

Personnel: Wynn Jones, Fire Chief (Full-time)
Randy Smith, Deputy Chief (Full-time)
1 Station Captain (Full-time)
2 Lieutenants (Full-time)
8 Firefighters (Full-time)

Richard Hamburg, Assistant Deputy Chief (Volunteer)
2 Captains (Volunteer)
2 Lieutenants (Volunteer)
20 Volunteer Firefighters

Equipment: 1 - 1988 1500 GPM triple combination pumper
1 - 1980 840 GPM triple combination pumper
2 - 1976 mini pumpers used as light rescue squad vehicles
1 - 1988 4x4 Crestline Type 1 Modular Ambulance
1 - 1980 4x4 Ambucraft Type 2 Ambulance
1 - 1988 Handi Van/Ambulance
1 - 1982 4x4 Supercab pick-up truck
1 - 1988 Yamaha 340T Snowmobile
1 - Off-road EMS Trailer/sled capsule

Alarm System: Pagers and automatic alarms

Water Supply: Hydrants, 4 municipal water truck

JEAN MARIE RIVER: Settlement (Unorganized)

Population: 68

Personnel: Jonas Sanguet, Fire Chief

KAKISA LAKE: Settlement (Unorganized)

Population: 28

Equipment: Fire Extinguishers located in buildings designated as fire stations.

LAC LA MARTRE: Hamlet

Population: 428

Personnel: Alfred Nitsiza, Fire Chief

Equipment: Triple combination pumper,
1000 gal, 625 gpm

Alarm System: Telephone and pagers

Water Supply: Trucked water

LAKE HARBOUR: Hamlet

Population: 366

Personnel: Jamesie Kootoo, Fire Chief
18 Volunteer Firefighters

Equipment: Triple combination pumper

Alarm System: Six telephones

Water Supply: Trucked water

NAHANNI BUTTE: Settlement (Unorganized)

Population: 90

Equipment: Fire extinguishers

NANISIVIK: Mining Town

Population: 313

Personnel: Murray Markle, Fire Chief
15 Volunteer Firefighters

Equipment: 1 - triple combination pumper - (Government owned)

1 - 2000 gal tanker (owned by Nanisivik Mines Ltd.)

Alarm System: Telephone + Fire Siren

Water Supply: Supplied through an above ground system of utilidors to the existing hydrants. Hydrants can be used all year round.

NORMAN WELLS: Village

Population: 482

Personnel: Robert Kosterman, Fire Chief
Billy Ozolins, Deputy Fire Chief
9 Volunteer Firefighters

Equipment: 1 - 1983 650 gpm pumper, 500 gallon
1 - 1974 250 gpm tanker, 1700 gallon
1 - 1976 Personnel carrier

Alarm System: Pagers

Water Supply: Hydrants, water tankers

NORMAN WELLS: Esso Resources Fire Department

Personnel: Garry Gratton, Fire Chief
15 Firefighters

Equipment: 1 Seagrave 1960 625 gpm midship triple combination Pumper, 500 gal tank
1 Foam Boss 1984 truck
1 3000 gal tanker with a 300 gpm pump
1 500 gal AFFF foam trailer
1 Rehab support van/command center

PANGNIRTUNG: Hamlet

Population: 1,115

Personnel: Tim Dialla, Fire Chief
20 Volunteer Firefighters

Equipment: Triple combination pumper

Alarm System: Call boxes + Siren

Water Supply: Trucked water

PARADISE GARDENS: Settlement (Unorganized)

Population: 42

PAULATUK: Hamlet

Population: 254

Personnel: Keith Dodge, Fire Chief
5 Volunteer Firefighters

Equipment: 1 - 3/4 truck with 350 lbs dry chemical mounted on the back
1 - Triple combination pumper
1 - 300 wheeled fire extinguisher

Alarm System: Fire phone system with eight contacts

Water Supply: Trucked water with 750 lbs gal capacity

PELLY BAY: Hamlet

Population: 356

Personnel: Raymond Kayasark, Fire Chief
24 Volunteer Firefighters

Equipment: 1980 Triple combination pumper

Alarm System: None

Water Supply: Trucked water

POND INLET: Hamlet

Population: 840

Personnel: Manisses Qamaniq, Fire Chief
14 Volunteer Firefighters

Equipment: 1978 - 625 gpm tanker, 1000 gallon

Alarm System: 6 Telephones with pager and automatic alarm

Water Supply: 3 Municipal water trucks

RAE-EDZO: Hamlet

Population: 1,422

Personnel: Leon Lafferty, Fire Chief

Equipment: Triple combination pumper

Alarm System: Pagers

Water Supply: Hydrants and trucked water

RAE LAKES: Settlement

Population: 219

Personnel: Wm. G. Norris, Fire Chief
5 volunteer firefighters

Equipment: 1 - 1989 750 GPM pumper, 1500 gallon
1 - 1987 tanker truck

Alarm System: No fire alarm system at present

Water Supply: Trucked water

RANKIN INLET: Hamlet

Population: 1,425

Personnel: Tim Ramey, Fire Chief (Full-time)

Willie Makayak, Deputy Fire Chief (Volunteer)

Kevin Jarrett, Assistant Deputy Fire Chief

20 Volunteer Firefighters

Equipment: 1 - 1976 Triple Combination
1 - 1976 Foam Boss Rescue Truck
1 - 1979 Ford Crewcab
1 - 1985 Yamaha Snowmobile

Alarm System: Pagers, portable radios and community siren

Water Supply: Hydrants and trucked water

RELIANCE: Settlement (Unorganized)

Population: 11

REPULSE BAY: Hamlet

Population: 497

Personnel: Levi Katokra, Fire Chief
12 Volunteer Firefighters

Equipment: Triple combination pumper

Alarm System: Telephone

Water Supply: Trucked water

RESOLUTE BAY: Hamlet

Population: 185

Personnel: Simon Idlout, Fire Chief
6 Volunteer Firefighters

Equipment: Triple combination pumpers

Alarm System: Telephone

Water Supply: Hydrants

SACHS HARBOUR: Hamlet

Population: 144

Personnel: John D. Keevik, Fire Chief
Jack Gainer, Deputy Fire Chief
Floyd Sydney, Deputy Fire Chief
11 Volunteer Firefighters

Equipment: 1983 Triple combination pumper, 1000 gallon 650 GPM

Alarm System: Telephone and manual alarm

Water Supply: Trucked water

SALT PLAINS: Settlement (Unorganized)

Population: 14

SANIKILUAQ: Hamlet

Population: 479

Personnel: Issac Inuktaluk, Fire Chief
17 Volunteer Firefighters

Equipment: Triple combination pumper

Alarm System: Call boxes and telephone

Water Supply: Trucked water

SNARE LAKE: Settlement (Unorganized)

Population: 125

Equipment: 1 - 350 lb. truck mounted dry chemical

SNOWDRIFT: Settlement

Population: 270

Personnel: Fire Chief - None at the moment

Equipment: 1 - 1983 Front mount pump

Alarm System: Siren

Water Supply: Trucked water

SPENCE BAY: Hamlet

Population: 590

Personnel: Pat Lyall, Fire Chief

Equipment: Triple combination pumper

Alarm System: Telephone

Water Supply: Trucked water

TROUT LAKE: Settlement (Unorganized)

Population: 78

Equipment: 1 - Fire extinguisher on wheels

1 - 1991 Fire Truck

Fire Alarm System: 1 - Hand driven fire siren

Water Supply: Water wagon is situated in a stake wagon and pulled by a loader.

TUKTOYAKTUK: Hamlet

Population: 995

Personnel: Robert Schmidt, Fire Chief
17 volunteer fire fighters

Equipment: 1 - 1989 1050 transverse midship pumper
1 - 1976 840 midship pumper
1 - 1981 pick-up c/w 350 LB dry chemical extinguisher

Alarm System: Telephone interconnect complete w/ portable radios and 12 pagers

Water Supply: Water system at industrial sites
Three local water tankers min volume per vehicle at 3000 gallons

WHALE COVE: Hamlet

Population: 246

Personnel: Daniel Panika, Fire Chief
8 Volunteer Firefighters

Equipment: Triple combination pumper

Alarm System: Community siren

Water Supply: Trucked water

WRIGLEY: Settlement

Population: 167

Personnel: Steve Moses, Fire Chief
Keith Nayally, Deputy Fire Chief
3 Volunteer Firefighters

Equipment: 1 - Triple combination pumper

Alarm System: Telephone

Water Supply: Trucked water

YELLOWKNIFE: City

Population: 13,698

Personnel: Mick Beauchamp, Fire Chief (Full-time)
Mike Lowing, Deputy Fire Chief (Full-time)
17 Full-time Firefighters
20 Volunteer Firefighters

Equipment: 1 - 1985 - 1050 pumper
1 - 1981 - 1050 pumper
1 - 1976 - 1050 pumper
1 - 1976 - 100' aerial ladder
1 - 1976 - 2000 gallon water tanker
1 - 1989 - 2500 gallon water tanker
1 - 1969 Rescue truck
1 - 1980 Fire Chief's car
1 - 1982 Deputy Fire Chief's Pick-up
1 - 1990 Apparatus 1/2 Ton Van
1 - 1981 1 Ton Ambulance
1 - 1985 3/4 Ton Ambulance

Alarm System: Pager System and Telephone

Water Supply: Hydrants and water tanker to outlying areas

GIANT YELLOWKNIFE MINES, NORTHWEST TERRITORIES

Personnel: Max Rivett, Fire Chief
Dave Jarvis, Deputy Fire Chief
13 fire fighters

Equipment: 66 International
625 gal per minute mid-ship
4 x 4 - 350 lbs dry chemical unit
Rescue van high expansion diesel foam generator (property of the Government of the Northwest Territories (GNWT))

POLARIS MINES, LITTLE CORNWALLIS ISLAND, NORTHWEST TERRITORIES

Personnel: Don Souter, Fire Chief
20 fire fighters

Equipment: 625 Ford pumper

Alarm System: Pagers
Radio

Water Supply: Water Distribution System

Equipment: 3/4 ton truck with 350 lbs dry chemical mounted on the back

YEAR 1991

NORTHWEST TERRITORIES

ANNUAL FIRE LOSS RETURN

I. PROPERTY CLASS	CODES	# OF FIRES	DOLLAR LOSS	Injuries				Deaths			
				FF	M	W	C	FF	M	W	C
ASSEMBLY											
- Theatre, Studio, Auditorium	110	0	0								
- Amusement, Recreation Place (Excludes Social, Sport Clubs)	120	2	30								
- School, College, University	130	4	300								
- Church, Funeral Parlor	140	1	85,000								
- Clubs, Social, Sport	150	1	218,000								
- Museum, Art Gallery, Libraries	160	1	8,100								
- Food or Beverage Establishment	170	1	1,000								
- Passenger Terminal, Station	180	0	0								
- Miscellaneous	190	0	0								
ASSEMBLY SUB-TOTAL	110-199	10	312,340								
INSTITUTION											
- Prison, Jail, Reformatory	210	0	0								
- Home for Aged	220	1	100								
- Child Care	230	1	200								
- Hospital, Sanitarium, Clinic	240	1	500								
- Miscellaneous	290	0	0								
INSTITUTION SUB-TOTAL	210-299	3	800								

I. PROPERTY CLASS	CODES	# OF FIRES	DOLLAR LOSS	Injuries				Deaths			
				FF	M	W	C	FF	M	W	C
RESIDENTIAL											
- One & Two Family Dwellings	311-319	73	2,693,384	2	7	2	3		1		6
- Apartment, Tenement, Flat	320	13	23,480								
- Rooming, Boarding, Lodging House, Hotel	330	0	0								
- Hotel, Inn, Lodge	340	4	899,489								
- Minor Hotel, Motel	350	0	0								
- Dormitory	360	1	170								
- Mobile Home, Trailer	370	14	327,266	2		1			2		
- Miscellaneous	390	0	0								
RESIDENTIAL SUB-TOTAL	310-399	105	3,943,789								
BUS. & PERSONAL SERVICE - SUB-TOTAL	410-499	2	138,000								
MERCANTILE SUB-TOTAL	510-599	1	400								
INDUSTRIAL MANUFACTURING SUB-TOTAL	610-699	6	3,950								
STORAGE PROPERTIES SUB-TOTAL	710-799	11	2,111,408								
SPECIAL PROP. TRANS. EQUIP.											
- Outdoor Property	810	12	17,850			2					
- Special Connecting Properties	820	3	5,100								
- Construction, Demolition, Vacant	830	10	168,540								
- Watercraft	840	0	0								
- Rail, Transport Vehicle & Equipmt.	850	0	0								

I. PROPERTY CLASS	CODES	# OF FIRES	DOLLAR LOSS	Injuries				Deaths			
				FF	M	W	C	FF	M	W	C
SPECIAL PROP. TRANS. EQUIPT. (CONT'D)											
- Ground Transport Vehicle	860	33	214,511								
- Aircraft	870	2	60,000								
- Special Vehicles	880	4	32,250								
- Pier, Wharf	890	0	0								
SPECIAL PROPERTIES - SUB-TOTAL TRANS. EQUIPT.	810-899	64	696,251								
MISCELLANEOUS PROPERTY											
- Laboratories	910	1	200,00								
- Farm Facilities (Excludes Residential)	920	0	0								
- Utilities	940	2	101,000			1					
- Other Miscellaneous	930, 950-990	7	2,700								
MISC. PROPERTY SUB-TOTAL	900 - 999	10	303,700								
ALL PROPERTY CLASSIFICATIONS TOTAL		212	7,312,728	4	10	3	3		3		6

FF - Firefighters
M - Men
W - Women
C - Children

II. IGNITING OBJECT. SOURCE OF IGNITION	CODES	# OF FIRES	DOLLAR LOSS	Injuries				Deaths			
				FF	M	W	C	FF	M	W	C
<u>NO IGNITING OBJECT SUB-TOTAL</u>	01	0	0								
<u>COOKING EQUIPMENT:</u>											
- Stove, Range Involved	02-05	20	407,620								
- Self Heat Appliances	06-07	1	200,000						1		
- Warming Appliances	15,16	0	0								
- Unclassified	18,19	1	500								
<u>COOKING EQUIPMENT SUB-TOTAL</u>	02-19	21	608,120								
<u>HEATING EQUIPMENT:</u>											
- Heating Units	20-24	14	909,499		2						
- Fireplace	25	2	15,200								
- Chimney, Flue pipe	26-28	4	6,114			1					
- Unclassified	29	0	0								
<u>HEATING EQUIPMENT SUB-TOTAL</u>	20-29	20	930,813								
<u>APPLIANCES AND EQUIPMENT:</u>											
- Television, Radio, Stereo	31,32	0	0								
- Air Conditioning, Refrigeration	35-37	1	1,000								
- Elect. Appliances, Equipment	33, 34, 38, 39, 41-44	1	0				1				
- Unclassified	49	3	75,276								
<u>APPLIANCES & EQUIPMENT, SUB-TOTAL</u>	31-49	5	76,276								

II. IGNITING OBJECT - SOURCE OF IGNITION (CONT'D)	CODES	# OF FIRES	DOLLAR LOSS	Injuries				Deaths			
				FF	M	W	C	FF	M	W	C
ELECTRICAL DISTRIBUTION EQUIPMENT SUB-TOTAL	51-59	31	619,400								
OTHER ELECTRICAL EQUIPMENT:											
- Electric Motors	61, 62	1	100								
- Electronic Equipment	63, 64	0	0								
- Incandescent, Fluorescent Lamps	65, 66	0	0								
- Unclassified	69	0	0								
OTHER ELECTRICAL EQUIPMENT: SUB-TOTAL	61 - 69	1	100								
SMOKERS MATERIAL & OPEN FLAME:											
- Smoker's Material	71	23	151,767								
- Match, Lighter (not used with smoking), Lamp, Candles, Taper	72 - 74	43	1,857,318	2	1	1	3				
- Cutting, Welding, Various Torchets	75 - 77	5	97,200								
- Hot solars, Embers (not smoking material)	78	0	0								
- Unclassified	79	2	80,576								
SMOKERS MATERIAL & OPEN FLAME: SUB-TOTAL	71 - 79	73	1,382,861								

					Injuries				Deaths			
	CODES	# OF FIRES	DOLLAR LOSS	FF	M	W	C	FF	M	W	C	
II. IGNITING OBJECT - SOURCE OF IGNITION (CONT'D)												
<u>EXPOSURE</u>												
- Structures	81 - 83	0	0									
- Outside Storage Container	84	0	0									
- Open Fire	85	7	18,100									
- Forest, Grass, Brush	86, 87	2	0									
- Unclassified	89	0	0									
<u>EXPOSURE</u> SUB-TOTAL	81 - 89	9	18,100									
<u>MISCELLANEOUS</u> SUB-TOTAL	90 - 99	18	461,411	2	4							
<u>UNDETERMINED</u> SUB-TOTAL	00	33	2,395,647		1				2			
ALL IGNITING OBJECT CLASSIFICATIONS TOTAL		212	7,312,728	4	10	3	3		3		6	

FF - Firefighters
M - Men
W - Women
C - Children

III. ACT OR OMISSION	CODES	# OF FIRES	DOLLAR LOSS	Injuries				Deaths			
				FF	M	W	C	FF	M	W	C
ARSON OR OTHER SET FIRES											
- Arson/Suspected Arson	02 - 06	4	370,100								
- Other Set Fire	10-14, 19	17	413,310								
ARSON OR OTHER SET FIRES SUB-TOTAL	02 - 19	21	783,410								
MISUSE OF SOURCE OF IGNITION											
- Smoking Material	21	3	87,051		4						
- Child Playing with	24	42	1,853,243	4	1		3				6
- Welding, Cutting, Thawing	22, 25-26	4	55,300								
- Unclassified	20, 23, 29	16	113,740								
MISUSE OF SOURCE OF IGNITION SUB-TOTAL	20 - 29	65	2,106,334								
MISUSE OF MATERIAL IGNITED											
- Misuse of Flammable Liquid	31 -34	13	447,100		4	1					
- Improper Storage or Container	35, 37-38	8	89,199								
- Overheated Cooking Oil, Grease, Wax	36	10	189,000								
- Unclassified	30, 39	1	100								
MISUSE OF MATERIAL IGNITED SUB-TOTAL	30 - 39	32	725,399								

III. ACT OR OMISSION	CODES	# OF FIRES	DOLLAR LOSS	Injuries				Deaths			
				FF	M	W	C	FF	M	W	C
<u>MECHANICAL, ELECTRICAL FAILURE- MALFUNCTION</u>											
- Failure of Port, Control or Worm Out	41-43, 46	2	105,400								
- Electrical Short Circuit	44	12	277,161			1					
- Unclassified	40, 49	24	429,176								
<u>MECHANICAL, ELECTRICAL FAILURE- MALFUNCTION SUB-TOTAL</u>	40 - 49	38	811,737								
<u>CONSTRUCTION, DESIGN OR INSTALLATION DEFICIENCY</u>											
- Design, Construction, Installation Deficiency	51 - 54	6	91,600								
- Suspect Aluminum Wiring	56	0	0								
- Suspect Copper Wiring	57	0	0								
- Unclassified	50, 55, 59	0	0								
<u>CONSTRUCTION, DESIGN OR INSTALLATION DEFICIENCY: SUB-TOTAL</u>	50 - 59	6	91,600								
<u>MISUSE OF EQUIPMENT SUB-TOTAL</u>	60 - 69	6	127,750								
<u>HUMAN FAILING</u>											
- Asleep	71	0	0								
- Suspected Impairment by Alcohol Drugs, Medication	75, 76	9	276,210			1					
- Unclassified	70, 72-74 77 - 79	0	0								
<u>HUMAN FAILING SUB-TOTAL</u>	70 - 79	9	276,210								
<u>VEHICLE ACCIDENT SUB-TOTAL</u>	80 - 89	0	0								

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HIL ACT OR OMISSION	CODES	# OF FIRES	DOLLAR LOSS	Injuries				Deaths			
				FF	M	W	C	FF	M	W	C
UNCLASSIFIED SUB-TOTAL	00 - 99	35	2,354,921		1				3		
ALL ACT OR OMISSION CLASSIFICATION TOTAL		212	7,312,728	4	10	3	3		3		6

FF - Firefighters
M - Men
W - Women
C - Children

IV. List of fires by date sequence in which the estimated loss was \$500,000 or over.

LOCATION	DATE	PROPERTY CLASSIFICATION	ACT OR OMISSION	DOLLAR LOSS	INJURIES	DEATHS
Inuvik	February 6, 1991	Garage/Office	Unknown	943,488	0	0
Jean Marie River	May 1, 1991	Two Bay Garage	Unknown	540,000	0	0
Cape Dorset	August 6, 1991	Hotel	Child Playing with Lighter	800,000	0	0